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| Substitute Form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: September 27, 2004 (use as many sheets as necessary) | | Complete If Known | |
| | | Application Number | 10/663,976 |
| Sheet | 1 | Filing Date | 09/17/2003 |
| | | First Named Inventor | Chad A. MIRKIN et al. |
| | | Group Art Unit | 1751 / 1762 |
| | | Examiner Name | Unassigned |
| | | Attorney Docket Number | 083847-0201 |

| U.S. PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| AB | A1 | SUN, et al., "Monodisperse FePt Nanoparticles and Ferromagnetic FePt Nanocrystal Superlattices," Science, 17 March 2000, pp. 1989-1992, Vol. 287. | | |
| AB | A2 | EDELSTEIN, et al., "The BARC Biosensor Applied to the Detection of Biological Warfare Agents," Biosensors & Bioelectronics, 2000, pp. 805-813, Vol. 14. | | |
| AB | A3 | XIA, et al., "Unconventional Methods for Fabricating and Patterning Nanostructures," Chemical Review, 1999, pp. 1823-1848, Vol. 99. | | |
| AB | A4 | FREEMAN, et al., "Advances in Magnetic Microscopy," Science, 16 November 2001, pp. 1484-1488, Vol. 294. | | |

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|-----------------------|--|--------------------|---------|
| Examiner Signature | | Date Considered | 1-23-05 |
|-----------------------|--|--------------------|---------|

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